

RANDOM CODE FOR DEVICE IDENTIFICATION

ABSTRACT OF THE DISCLOSURE

A random identifier code is generated. The random identifier code is for allowing an electrical circuit to be communicatively associated with a particular external entity. The generated random identifier code is derived from signal data produced by the circuit. In the context of a wireless communication system, a transmitter and receiver can be associated with one another by such a random identifier code. Transmissions of the transmitter can be identified based on the random identifier code. No additional memory module needs to be installed during the manufacturing process for storing a predefined code. Once a random code identifier is generated, the associated circuit-external entity pair (e.g., transmitter-receiver pair) can continue to use that code indefinitely. However, a new code can be generated at any given time if so desired.